

POLYCYSTIC KIDNEY DISEASE PKD2 GENE AND USES THEREOF

Abstract of the Disclosure

The present invention provides a purified and isolated wild type PKD2 gene, as well as mutated forms of this gene. The present invention also provides one or more single-stranded nucleic acid probes which specifically hybridize to the wild type PKD2 gene or the mutated PKD2 gene, and mixtures thereof, which may be formulated in kits, and used in the diagnosis of ADPKD associated with the mutated PKD2 gene. The present invention also provides a method for diagnosing ADPKD caused by a mutated PKD2 gene, as well as a method for treating autosomal dominant polycystic kidney disease caused by a mutated PKD2 gene.

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